

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 223  | "SEARCH of: PROBLEM The INVENTION SOLVES - WORD/SYNONYM SEARCH.:" (vibrat\$4 or shak\$4) and double near3 feed and sheet | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/30 14:35 |
| L2    | 0    | "SEARCH of: APPLICANT CITED INFORMATION (IDS).:" "NO US PAT.:"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/30 14:36 |
| L3    | 13   | "SEARCH of: APPLICANT(S) NAME(S).:" (karp near4 sik near4 youn).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/30 14:39 |
| L4    | 96   | solenoid\$2 and (vibrat\$4 or shak\$3) and double near3 feed   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/30 14:40 |
| S1    | 2286 | (271/121,124,167,146,137,104).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                                   | OR               | OFF     | 2005/04/11 12:33 |
| S2    | 1279 | (271/121,124,167,146,137,104).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO  | OR               | OFF     | 2005/04/11 12:43 |
| S3    | 1944 | (271/121,124,167,146).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                                   | OR               | OFF     | 2005/04/11 17:30 |
| S4    | 1944 | (271/121,124,167,146).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                                   | OR               | OFF     | 2005/04/11 18:07 |
| S5    | 1944 | (271/121,124,167,146).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                                   | OR               | OFF     | 2005/04/11 18:09 |
| S6    | 400  | (271/137,104).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                                   | OR               | OFF     | 2005/04/11 18:30 |
| S7    | 400  | (271/137,104).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                                   | OR               | OFF     | 2005/04/11 18:30 |
| S8    | 1    | 10/606110  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2005/04/29 14:08 |

|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S9  | 1  | "6382621".pn.  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/04/29 14:14 |
| S10 | 14 | ("5253854"   "5292116"   "5316285"<br>  "5358230"   "5443251"  <br>"5651540"   "5907745"  <br>"6224052").PN. OR ("6382621").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/29 14:18 |
| S11 | 5  | ("5277417" "5823524" "5895040"<br>"5899450" "6279897").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/29 14:20 |
| S12 | 5  | ("5277417" "5823524" "5895040"<br>"5899450" "6279897").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/29 14:20 |
| S13 | 69 | ("0748279"   "1637833"   "3126122"<br>  "3219339"   "3306491"  <br>"3421754"   "3539179"   "3640524"<br>  "3871641"   "3873084"  <br>"3944214"   "4526358"   "4579332"<br>  "4635922"   "4674737"  <br>"4822023"   "4865306"   "4879578"<br>  "4887806"   "4934684"  <br>"4982942"   "5052677"   "5088715"<br>  "5090679"   "5102115"  <br>"5163668"   "5163669"   "5277417"<br>  "5370381"   "5409205"  <br>"5527026"   "5868385"   "5895040"<br>  "5899450"   "5932313"  <br>"6065886").PN. OR ("5277417"  <br>"5823524"   "5895040"   "5899450"<br>  "6279897").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/29 19:02 |
| S14 | 1  | "6382621".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/29 19:15 |
| S15 | 1  | "5443251".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/04/30 13:39 |